



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 01/12/99
AGENDA ITEM 2
WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Emergency Water Supply Well Drilling at Old Well No. 9 Site – Approval of Negative Declaration, Approval of Plans and Specifications and Call for Bids

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution that:

1. Approves the Negative Declaration for the project; and
2. Approves the plans and specifications for the well drilling and call for bids to be received on February 9, 1999.

BACKGROUND:

The Emergency Water Supply Well Program consists of five deep wells. The first three wells and pump stations have been constructed at the Police Station, at the Hesperian/Industrial utility site and adjacent to Pepsi bottling plant and are in operation. The fourth well and pump station at the Airport is near completion. Each well project is separated into a well drilling phase and a pump station construction phase.

This contract, which is for the drilling phase of the fifth well at the old Well No. 9 site, at 28251 Industrial Boulevard, includes the drilling of the production well, installing steel casing, perforated sections and gravel envelope, and performing well development and various testing.

The design of the pump station for this well will be done concurrently with the well drilling work. It is estimated that the pump station will be completed by July 2000.

The attached initial study and negative declaration for this project found that the project would not have a significant effect on the environment.

Staff has established a single goal of 3 percent, which can be met by either 3 percent Disadvantaged Business Enterprise (DBE) participation or 3 percent Women Owned Business Enterprise (WBE) participation, because there is only 3 percent of the project that is available for subcontracting. To meet this limited goal 100 percent of available subcontracting would need to be allocated to a DBE or WBE firm.

PROJECT COST:

The estimated costs for the drilling phase of the well are as follows:

Construction Cost	\$175,100
Test Hole Drilling (complete)	20,355
Consultant Design & Construction Support Service	65,500
City Crews Construction Work	15,000
City Administration, Inspection and Survey	<u>55,045</u>
Total Drilling Phase Cost	\$331,000

FUNDING:

Since the estimated cost of the well pump station is \$920,000; and the estimated cost to abandon old Well No. 9 is \$69,000, the total estimated cost for the well, pump station and old Well No. 9 abandonment is \$1,370,000. A total of \$1,370,000 has been approved for this project in the Water Improvement Fund of the 1998/99 Capital Improvement Program budget.

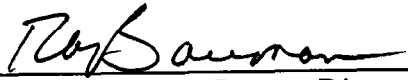
SCHEDULE:

The schedule for the drilling phase of the well is as follows:

Advertise	January 12, 1999
Receive Bids	February 9, 1999
Award Contract	March 9, 1999
Begin Drilling Phase	April 19, 1999
Complete Work	June 30, 1999

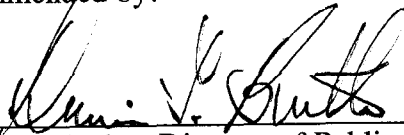
Staff recommends that the City Council approve the Negative Declaration, approve the plans and specifications for the well drilling and call for bids.

Prepared by:



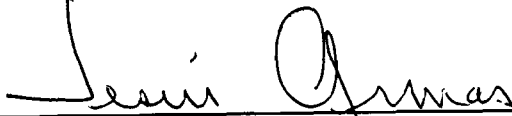
Robert A. Bauman, Deputy Director of Public Works

Recommended by:



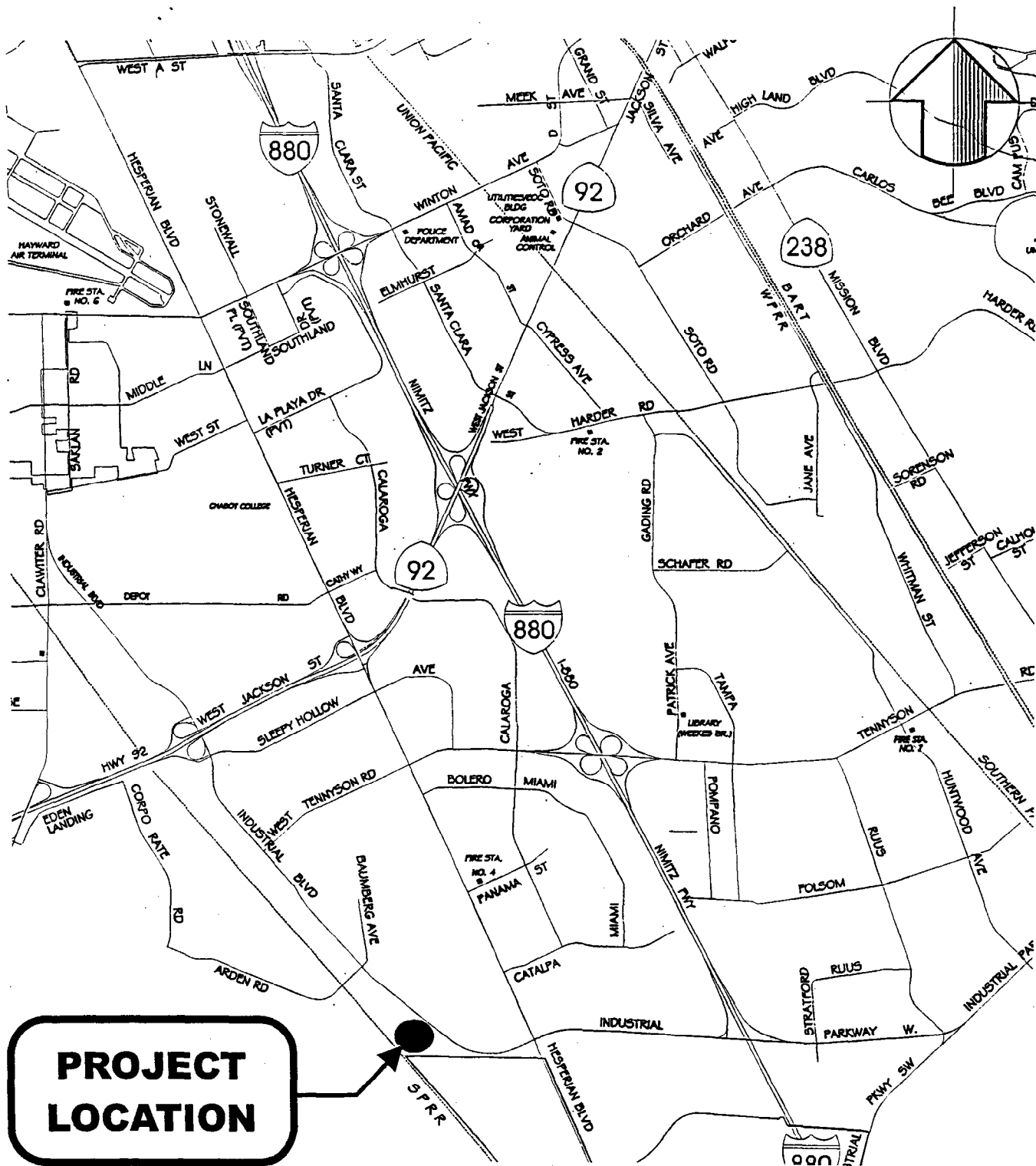
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachments: Exhibit A – Project Location Map
Exhibit B – Initial Study and Negative Declaration
Exhibit C – Draft Resolution



LOCATION MAP

EMERGENCY WATER SUPPLY WELL "E"

AT OLD WELL #9 SITE

PROJECT NO. 7110

Exhibit A

INITIAL STUDY CHECKLIST FORM

Project title EMERGENCY WATER SUPPLY WELL "E "

Lead agency name and address: City of Hayward, 777 "B" Street, Hayward, CA 94541-5007

Contact persons and phone number: Mark H Wang (510) 583-4767

Project location: 28251 Industrial Boulevard, Hayward (Old Well # 9 Site)

Project sponsor's name and address:

City of Hayward, 777 "B" Street, Hayward, CA 94541-5007

General plan designation Industrial Corridor Zoning: Industrial

Description of project: Emergency Water Supply Well E, City Project No. 7110, provides for the construction of an 18 inch diameter and 535 feet deep well, a pump station above the well, and connections between the pump station and the existing water and storm drain system (Flood Channel). Well E is one of the City's emergency wells that will provide Hayward emergency water in the event an earthquake or other natural disaster interrupted delivery of water from the Hetch-Hetchy aqueduct system.

Surrounding land uses and setting:

Located 800 feet south of Baumberg Avenue on West side of Industrial Boulevard in the City of Hayward.

Other public agencies whose approval is required Alameda County Water District and Zone 7, State Department of Health Services

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|---|---|--|
| <input type="checkbox"/> Land Use and Planning | <input type="checkbox"/> Transportation/Circulation | <input type="checkbox"/> Public Services |
| <input type="checkbox"/> Population and Housing | <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Utilities and Service Systems |
| <input type="checkbox"/> Geological Problems | <input type="checkbox"/> Energy and Mineral Resources | <input type="checkbox"/> Aesthetics |
| <input type="checkbox"/> Water | <input type="checkbox"/> Hazards | <input type="checkbox"/> Cultural Resources |
| <input type="checkbox"/> Air Quality | <input type="checkbox"/> Noise | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Mandatory Findings of Significance | | |

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☒ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed project MAY have a significant effect(s) on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.

Signature

Date

Printed name

For

ENVIRONMENTAL IMPACTS:

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
I. LAND USE AND PLANNING. <i>Would the proposal:</i>				
a) Conflict with general plan designation or zoning?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with applicable environmental plans or policies adopted by agencies with jurisdiction over the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Be incompatible with existing land use in the vicinity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Affect agricultural resources or operations (e.g., impacts to soils or farmlands, or impacts from incompatible land uses)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
II. POPULATION AND HOUSING. <i>Would the proposal:</i>				
a) Cumulatively exceed official regional or local population projections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Induce substantial growth in an area either directly or indirectly (e.g., through projects in an undeveloped area or extension of major infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace existing housing, especially affordable housing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
III. GEOLOGIC PROBLEMS. <i>Would the proposal result in or expose people to potential impacts involving:</i>				
a) Fault rupture?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Seismic ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Seiche, tsunami, or volcanic hazard?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Landslides or mudflows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Erosion, changes in topography or unstable soil conditions from excavation, grading, or fill?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Subsidence of land?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Expansive soils?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Unique geologic or physical features?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

IV. WATER. *Would the proposal result in:*

a) Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exposure of people or property to water related hazards such as flooding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Discharge into surface waters or other alteration of surface water quality (e.g., temperature, dissolved oxygen or turbidity)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Changes in the amount of surface water in any water body?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Changes in currents, or the course or direction of water movements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations or through substantial loss of groundwater recharge capability? <i>Answer: The well will be pumped only a couple of hours a month for testing or when an emergency occurs. The influence on groundwater quantity is insignificant.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Altered direction or rate of flow of groundwater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
h) Impacts to groundwater quality? <i>Answer: The well screen will be placed opposite sand and gravel aquifers in the Lower Zone at depths from 470 to 525 feet. An imported gravel pack and a cement seal would be installed in the annular space around screen section and blank casing respectively. The cement seal will isolate the Lower Zone Aquifer from the Upper Zone Aquifer, which is more susceptible to water quality degradation from salt water intrusion and surface contamination by nitrate and man-made chemicals. The influence on underground water quality is insignificant.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

i) Substantial reduction in the amount of groundwater otherwise available for public water supplies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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V. AIR QUALITY. *Would the proposal:*

a) Violate any air quality standard or contribute to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Expose sensitive receptors to pollutants?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Alter air movement, moisture, or temperature, or cause any change in climate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create objectionable odors?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

VI. TRANSPORTATION/CIRCULATION. *Would the proposal result in:*

a) Increased vehicle trips or traffic congestion?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Hazards to safety from design features (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Inadequate emergency access or access to nearby uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Insufficient parking capacity onsite or offsite?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	<i>Potentially Significant Impact</i>	<i>Potentially Significant Unless Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
e) Hazards or barriers for pedestrians or bicyclists?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflicts with adopted policies supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Rail, waterborne or air traffic impacts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

VII. BIOLOGICAL RESOURCES. *Would the proposal result in impacts to*

a) Endangered, threatened or rare species or their habitats (including but not limited to plants, fish, insects, animals, and birds)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Locally designated species (e.g., heritage trees)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Locally designated natural communities (e.g., oak forest, coastal habitat, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Wetland habitat (e.g., marsh, riparian, and vernal pool)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Wildlife dispersal or migration corridors?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

VIII. ENERGY AND MINERAL RESOURCES. *Would the proposal:*

a) Conflict with adopted energy conservation plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Use nonrenewable resources in a wasteful and inefficient manner?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

IX. HAZARDS. *Would the proposal involve:*

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
a) A risk of accidental explosion or release of hazardous substances (including, but not limited to, oil, pesticides, chemicals or radiation)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Answer: Sodium hypochlorite will be brought to the pump station and injected into the piping to disinfect the pumped well water during emergency pumping. No sodium hypochlorite or any other chemical substances will be left or stored at the pump station. A 500 gallon UL approved double wall fuel (diesel) tank with leak detector will be installed outside the generator room in the fenced pump station site. No substance is subject to explosion, fire, or hazard at the pump station

b) Possible interference with an emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) The creation of any health hazard or potential health hazard?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Exposure of people to existing sources of potential health hazards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Increased fire hazard in areas with flammable brush, grass, or trees?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

X. NOISE. Would the proposal result in:

a) Increases in existing noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Answer: The sounds from the running standby generator and pumping equipment will be new sounds. However, noise mitigation will be taken by installing the generator inside the building that will be equipped with sound attenuated intake and exhaust louver assemblies. The noise will be reduced to no more than 80 dba at seven meters in front of the building. The pumping equipment will be installed inside the pump house too. The noise will be muffled by the building and therefore the noise outside the building will be insignificant

b) Exposure of people to severe noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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XI. PUBLIC SERVICES. Would the proposal have an effect upon, or result in a need for new or altered government services in any of the following areas:

a) Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Maintenance of public facilities, including roads?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Other government services?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XII. UTILITIES AND SERVICE SYSTEMS. *Would the proposal result in a need for new systems or supplies, or substantial alterations to the following utilities?*

a) Power or natural gas?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Answer: The pump station will need PG&E power to run the pump if a serious drought condition persists in the future. Other wise the power usage is insignificant. Routine test pumping or emergency pumping will be on the standby generator. PG&E has existing power supply source nearby for connecting the pump station.</i>				
b) Communications systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Local or regional water treatment or distribution facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Sewer or septic tanks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Storm water drainage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Solid waste disposal?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Local or regional water supplies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XIII. AESTHETICS. *Would the proposal?*

a) Affect a scenic vista or scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Have a demonstrable negative aesthetic effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Create light or glare?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XIV. CULTURAL RESOURCES. *Would the proposal:*

a) Disturb paleontological resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Disturb archaeological resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have the potential to cause a physical change which would affect unique cultural values?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- | | Potentially
Significant
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Significant
Unless
Mitigation
Incorporated | Less Than
Significant
Impact | No Impact |
|---|--------------------------------------|--|------------------------------------|-------------------------------------|
| d) Restrict existing religious or sacred uses within the potential impact area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

XV. RECREATION. *Would the proposal:*

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Increase the demand for neighborhood or regional parks or other recreational facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Affect existing recreational opportunities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

XVI. MANDATORY FINDINGS OF SIGNIFICANCE.

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

XVII. EARLIER ANALYSES.

- a) **Earlier analyses used.**

- b) **Impacts adequately addressed.**
- c) **Mitigation measures.**

**CITY OF HAYWARD
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRANSPORTATION
777 B STREET
HAYWARD, CA 94541**

NEGATIVE DECLARATION

Notice is hereby given that the City of Hayward finds that no significant effect on the environment as prescribed by the California Environmental Quality Act of 1970, as amended will occur for the following proposed project:

I. *PROJECT DESCRIPTION:*

Emergency Water Supply Well E, Located 800 feet south of Baumberg Avenue on West side of Industrial Boulevard in the City of Hayward, City Project No. 7110, provides for the construction of an 18 inch diameter and 535 feet deep well, a pump station above the well, and connections between the pump station and the existing water and storm drain system (Flood Channel). Well E is one of the City's emergency wells that will provide Hayward emergency water in the event an earthquake or other natural disaster interrupted delivery of water from the Hetch-Hetchy aqueduct system

II. *FINDING PROJECT WILL NOT SIGNIFICANTLY AFFECT ENVIRONMENT:*

That the proposed Emergency Water Supply Well E, as conditioned, will have no substantial effect on the area's resources, cumulative or otherwise.

III. *FINDINGS SUPPORTING DECLARATION:*

- The groundwater will be protected in both quality and quantity. The well screen will be placed opposite sand and gravel aquifers in the Lower Zone at depths from 470 to 525 feet. An imported gravel pack and a cement seal would be installed in the annular space around screen section and blank casing respectively. The cement seal will isolate the Lower Zone Aquifer from the Upper Zone Aquifer, which is more susceptible to water quality degradation from salt water intrusion and surface contamination by nitrate and man-made chemicals. The influence of the well on underground water quality is insignificant. The well will be pumped only a couple of hours a month for testing or when an emergency occurs. The influence on groundwater quantity will be insignificant
- The standby generator, controls, piping and other items, except a fuel tank, will be housed in a one story building approximately 930 square feet in size. The well building will be designed to be compatible with the existing nearby buildings.
- The above ground double wall fuel (diesel) tank will be UL approved and will be designed and

installed to meet hazardous material monitoring and all other applicable regulations.

- The pump station lot will be secured by chain-link fences and gates.
- Regular testing of the well water and any provisions found necessary will be done to ensure this water is suitable for drinking if used.
- The project is in conformance with the General Policies Plan of the City.
- A review of the Hayward Conservation and Environmental Study indicates this project will not significantly affect wildlife or vegetation in the area nor will there be any significant air or water pollution increases due to the project.
- A review of the Noise Element Policies Document indicates there will be no significant noise impact.
- Measures will be taken during construction and are required by the project specifications to mitigate the temporary disruptions from construction noise and construction traffic control.
- Please refer to the Initial Study comments for more details.

IV. PERSON WHO PREPARED INITIAL STUDY:


Mark H. Wang, Assistant Civil Engineer

12/22/98
Date

V. COPY OF INITIAL STUDY IS ATTACHED

For additional information, please contact the City of Hayward, 777 "B" Street,
Hayward, California 94541-5007 or telephone the City Clerk at (510) 583-4400

Distribution

- Provide copies to all organizations and individuals requesting same in writing.
- Send to project applicants.
- Reference in all public hearing notices to be distributed 20 days in advance of initial public hearing and/or publish once in Daily Review (20 days prior to hearing if no other public notice, otherwise 10 days; reference in all Notices of Decision distributed 20 days prior to effective date of decision).

Posting

This Notice is to be posted for a period of at least 20 days upon receipt:

1. At the City Clerk's Office
2. On the Main City Hall Bulletin Board
3. In the City Library branches.

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DRAFT

JM 12-28-98

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

**RESOLUTION APPROVING THE NEGATIVE
DECLARATION FOR THE EMERGENCY WATER
WELL DRILLING AT OLD WELL NO.9 SITE, PROJECT
NO. 7110, APPROVING PLANS AND SPECIFICATIONS
AND CALL FOR BIDS**

WHEREAS, the Emergency Water Well Drilling at the Old Well No. 9 Site, located at 28251 Industrial Boulevard concerns drilling the production well, installing steel casing, perforated sections and gravel envelope, performing well development and various testing; and

WHEREAS, the City Council of the City of Hayward hereby finds and determines that the City Council has independently reviewed and considered the information contained in the initial study upon which the negative declaration for the Emergency Well Drilling at the Old Well No. 9 Site, Project No. 7110, certifies that the negative declaration has been completed in compliance with the requirements of the California Environmental Quality Act, and finds that the negative declaration reflects the independent judgment of the City of Hayward.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward as follows:

1. That those certain plans and specifications for the Emergency Water Well Drilling at the Old Well No. 9 Site, Project 7110, on file in the office of the City Clerk, are hereby adopted as the plans and specifications for the project;
2. That sealed bids therefor will be received by the City Clerk's office at City Hall, 777 "B" Street, Hayward, California 94541-5007, up to the hour of 2 p.m. on Tuesday, February 9, 1999, and immediately thereafter publicly opened and declared by the City Clerk in Conference Room 4D, City Hall, Hayward, California;
3. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same; and

4. That the City Clerk is hereby directed to cause a notice calling for bids for the required work and material to be made in the form and manner provided by law.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 1999

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward